

1 What is claimed is

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3 1. A tray for holding a stack of media sheets for feeding into a printing
4 mechanism, the tray comprising:

5 a first media guide movable relative to a first wall of the tray in a
6 first direction to vary a first spacing there between for accommodating
7 different media sizes in the first direction,

8 a second media guide manually adjustable relative to a second
9 wall of the tray in a second direction substantially perpendicular to the
10 first direction to vary a second spacing there between for
11 accommodating different media sizes in the second direction; and

12 means for synchronizing movements of the first guide with
13 movements of the second guide so that adjustment of the first guide is
14 automatically achieved through the manual adjustment of the second
15 guide.

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17 2. The tray of Claim 1, wherein the synchronizing means includes;

18 means for transporting movements to the first guide by moving
19 the second guide to a desired position; and

20 means for positioning the first guide so that the position of the first
21 guide relative to the first wall is predetermined when the second guide
22 reaches the desired position.

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24 3. The tray of Claim 1, wherein the synchronizing means includes a
25 rotatable gear interactable with the second guide for transforming linear
26 movements of the second guide in the second direction into rotational
27 movements of the gear, and wherein the rotational movements of the gear are
28 further transformed into linear movements of the first guide in the first direction,
29 which is substantially perpendicular to the second direction.

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31 4. The tray of Claim 3, wherein the synchronizing means further includes a
32 cam coupled to the first guide, and wherein the cam is driven by the gear for

1 transforming the rotational movements of the gear into the linear movements of
2 the first guide.

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4 5. The tray of Claim 4, wherein the cam has a predefined profile for
5 positioning the first guide relative to the first wall.

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7 6. The tray of Claim 5, further comprising:

8 means for biasing the first guide towards the first wall so that the
9 first guide is held in contact with the profile of the cam.

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